TD9020*ET/97273*0209

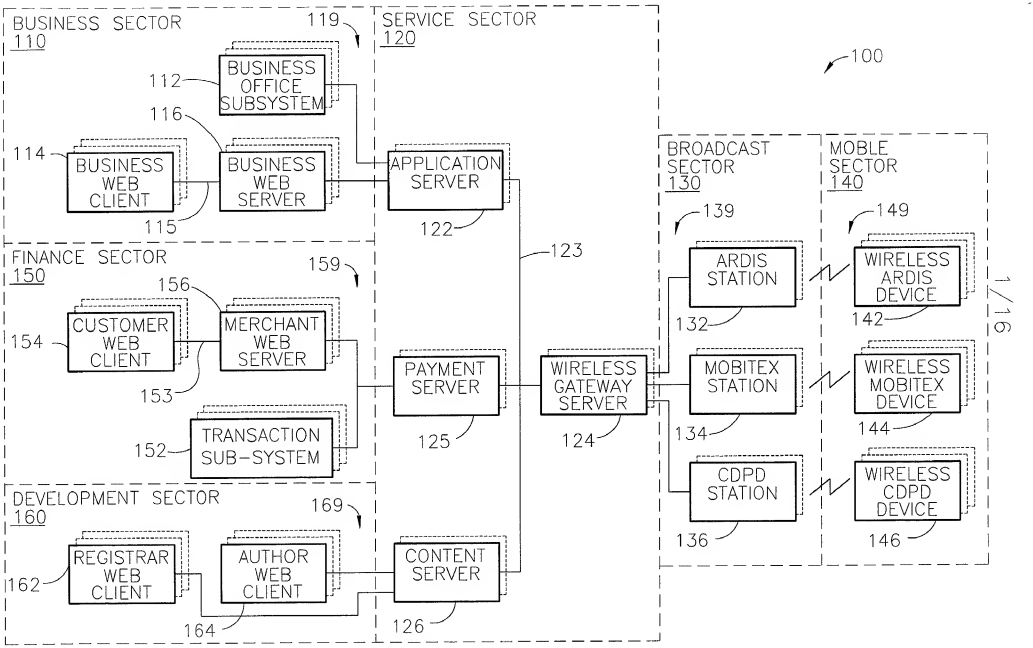

FIG. 1

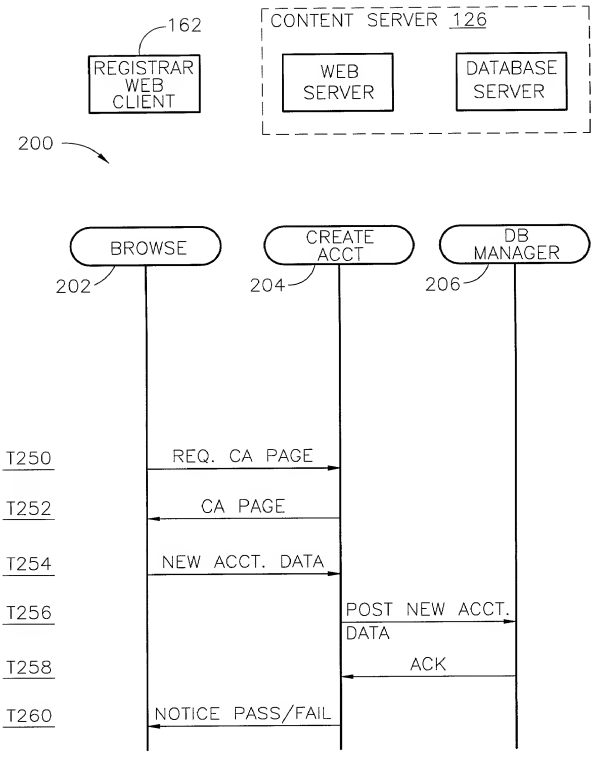
162
REGISTRAR WEB CLIENT
CONTENT SERVER 126
WEB SERVER
DATABASE SERVER
200
BROWSE
CREATE ACCT
DB MANAGER
202
204
206
T250
REQ. CA PAGE
T252
CA PAGE
T254
NEW ACCT. DATA
T256
POST NEW ACCT. DATA
T258
ACK
T260
NOTICE PASS/FAIL

FIG. 2

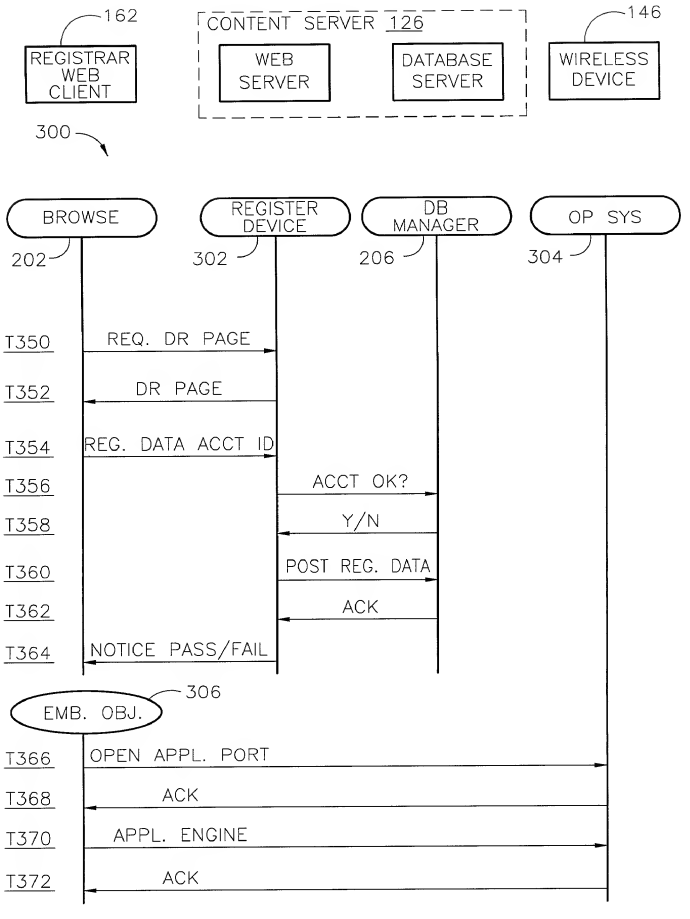

FIG. 3

US 6,779,154 B1 Aug. 17, 2004

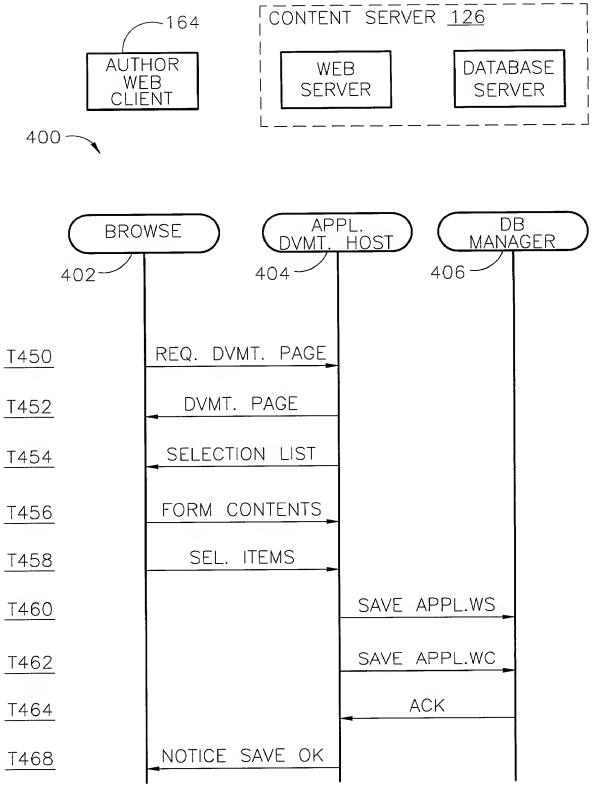
164
AUTHOR WEB CLIENT
CONTENT SERVER 126
WEB SERVER
DATABASE SERVER
400
BROWSE
APPL. DVMT. HOST
DB MANAGER
402
404
406
T450
REQ. DVMT. PAGE
T452
DVMT. PAGE
T454
SELECTION LIST
T456
FORM CONTENTS
T458
SEL. ITEMS
T460
SAVE APPL.WS
T462
SAVE APPL.WC
T464
ACK
T468
NOTICE SAVE OK

FIG. 4

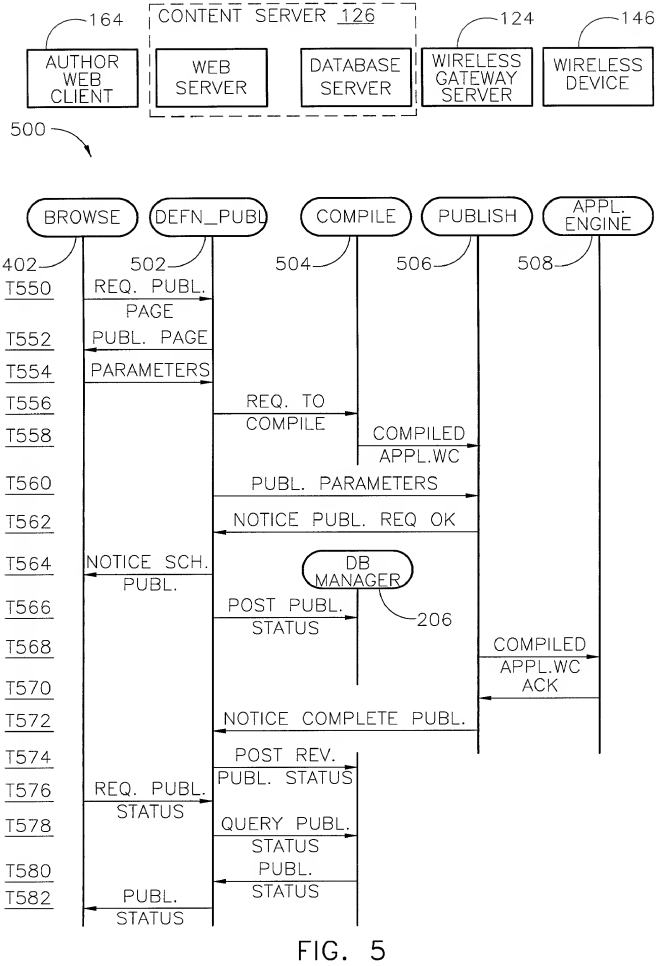

FIG. 5

09779713-020801

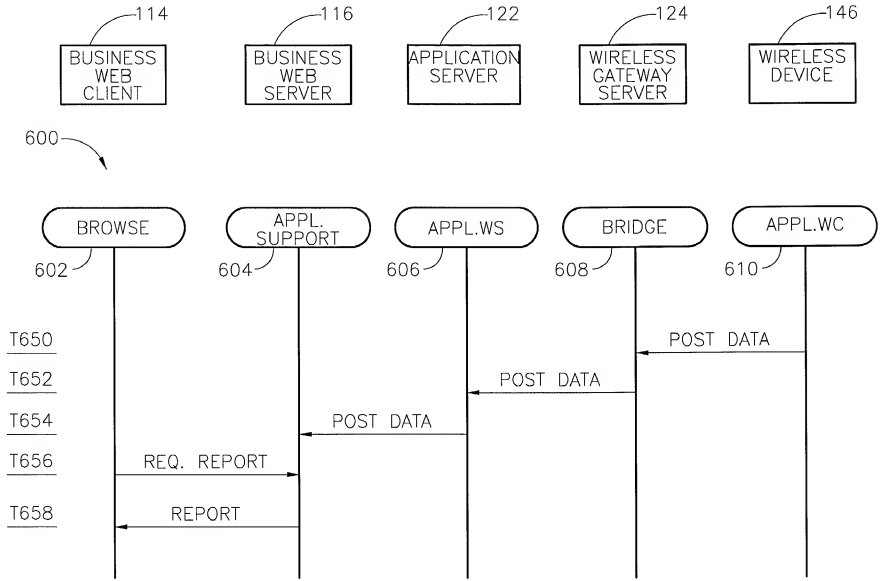
114
BUSINESS WEB CLIENT
116
BUSINESS WEB SERVER
122
APPLICATION SERVER
124
WIRELESS GATEWAY SERVER
146
WIRELESS DEVICE
600
BROWSE
602
APPL. SUPPORT
604
APPL.WS
606
BRIDGE
608
APPL.WC
610
T650
POST DATA
T652
POST DATA
T654
POST DATA
T656
REQ. REPORT
T658
REPORT

FIG. 6

09775713 "020804

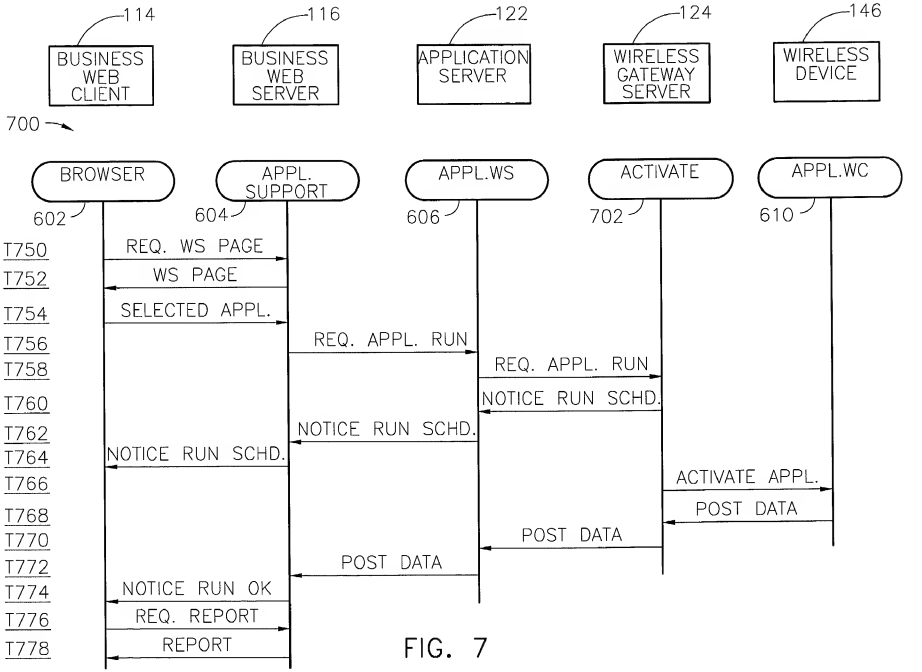

FIG. 7

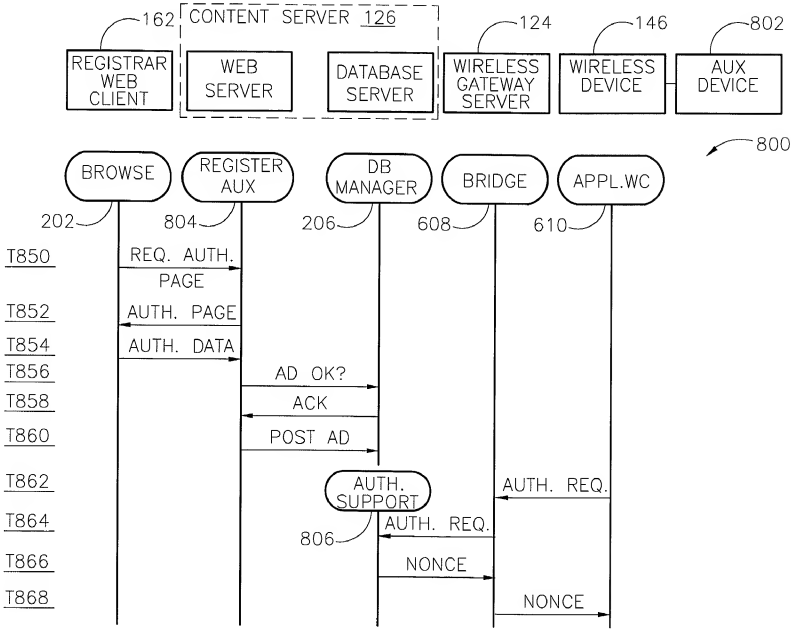
162
CONTENT SERVER 126
124
146
802
REGISTRAR WEB CLIENT
WEB SERVER
DATABASE SERVER
WIRELESS GATEWAY SERVER
WIRELESS DEVICE
AUX DEVICE
800
BROWSE
REGISTER AUX
DB MANAGER
BRIDGE
APPL.WC
202
804
206
608
610
T850
REQ. AUTH. PAGE
T852
AUTH. PAGE
T854
AUTH. DATA
T856
AD OK?
T858
ACK
T860
POST AD
T862
AUTH. SUPPORT
AUTH. REQ.
T864
806
AUTH. REQ.
T866
NONCE
T868
NONCE

FIG. 8

900

	OSI	INTERNET	TYPICAL PROTOCOLS
907	APPLICATION LAYER	APPLICATION LAYER 911	CGI, ISAPI, MODULE ODBC, JDBC CORBA, DCOM SMTP FTP XML HTML WXML
906	PRESENTATION LAYER		WML WBXML
905	SESSION LAYER		WAP HTTP SSL WTLS
904	TRANSPORT LAYER	TRANSPORT LAYER 910	TCP
903	NETWORK LAYER	INTERNET LAYER 909	X.25 SNMP IP
902	DATA LINK LAYER	NETWORK LAYER 908	IEEE 802.3 HDLC
901	PHYSICAL LAYER		IEEE 1394 RS422 RS232

09779413 "020801

FIG. 9

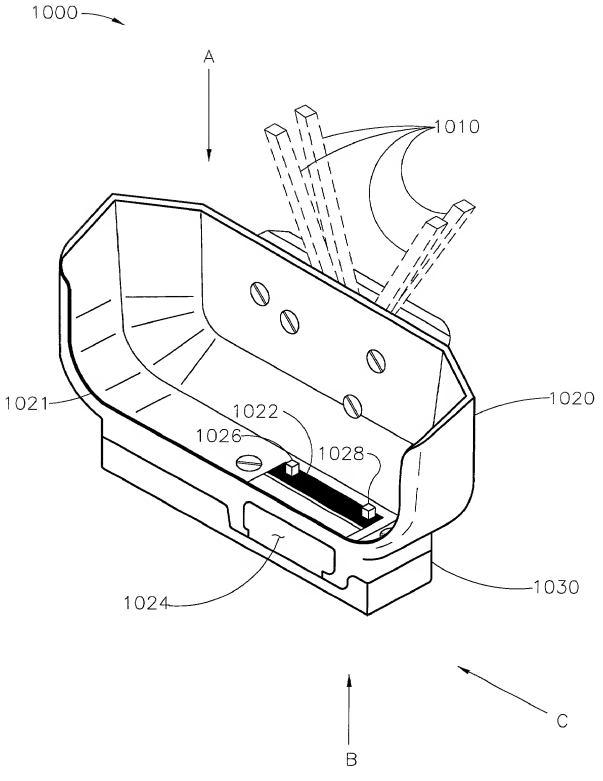

FIG. 10

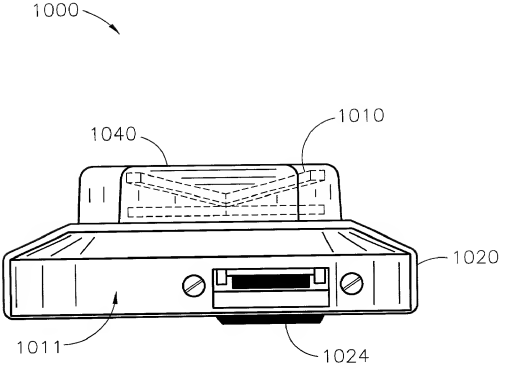

FIG. 11

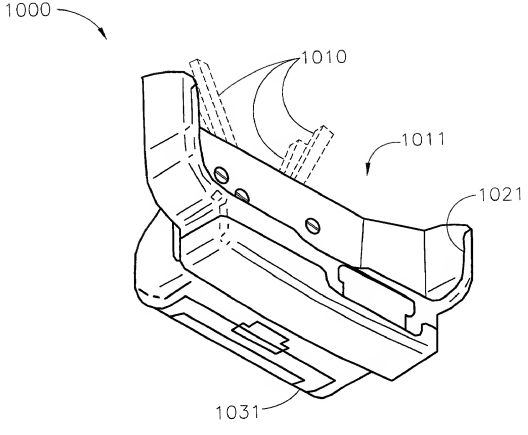

FIG. 12

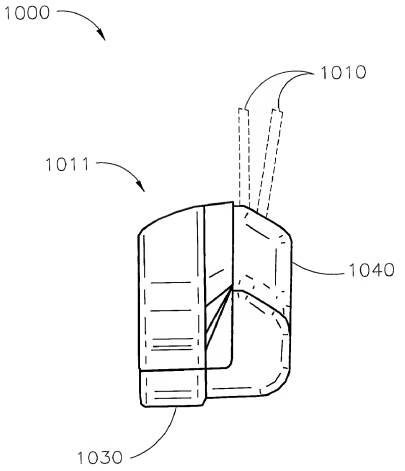

FIG. 13

T08029"EP27460

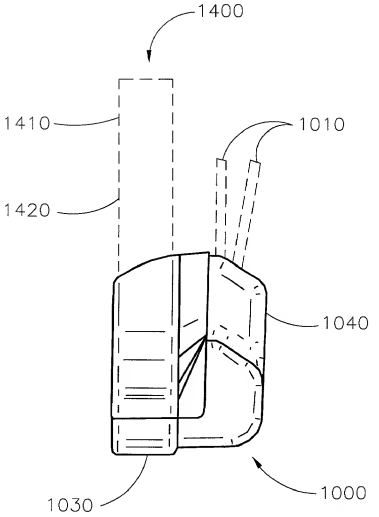

FIG. 14

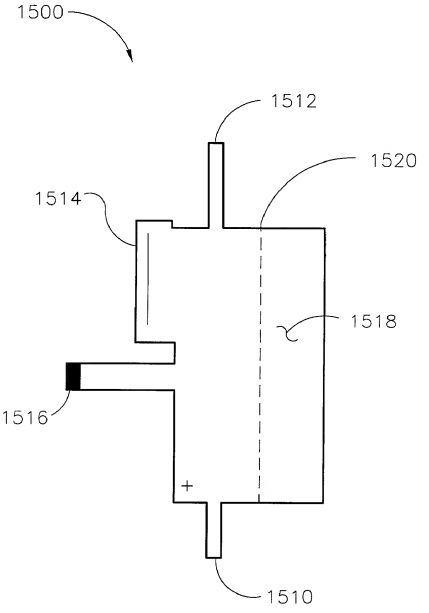

FIG. 15

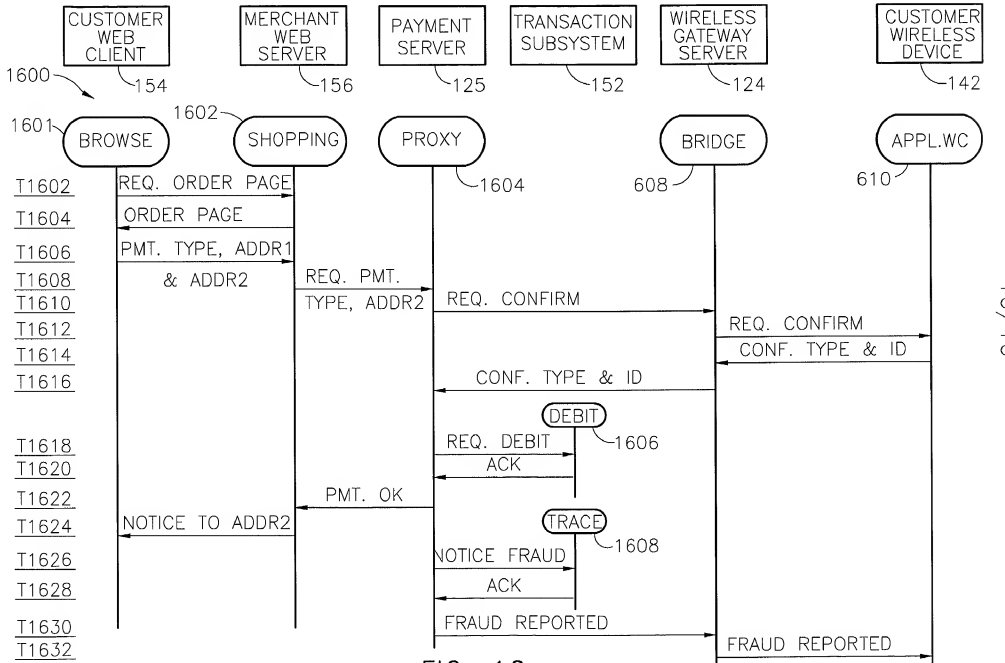
CUSTOMER WEB CLIENT
154
MERCHANT WEB SERVER
156
PAYMENT SERVER
125
TRANSACTION SUBSYSTEM
152
WIRELESS GATEWAY SERVER
124
CUSTOMER WIRELESS DEVICE
142
1600
1601
BROWSE
1602
SHOPPING
PROXY
1604
BRIDGE
608
APPL.WC
610
T1602
REQ. ORDER PAGE
T1604
ORDER PAGE
T1606
PMT. TYPE, ADDR1
T1608
& ADDR2
REQ. PMT.
T1610
TYPE, ADDR2
REQ. CONFIRM
T1612
REQ. CONFIRM
T1614
CONF. TYPE & ID
T1616
CONF. TYPE & ID
DEBIT
1606
T1618
REQ. DEBIT
T1620
ACK
T1622
PMT. OK
T1624
NOTICE TO ADDR2
TRACE
1608
T1626
NOTICE FRAUD
T1628
ACK
T1630
FRAUD REPORTED
T1632
FRAUD REPORTED

FIG. 16